

Production of Cereals.
The cereal estimates of the department of agriculture for the crop of 1881 are completed, showing a more general reduction in yield than for many years. During the five preceding years no one of the grain crops met with serious disaster. In 1875 the wheat product was reduced, while the corn crop was above an average. In 1874 the reverse was true, wheat making an average crop and corn nearly as bad a failure as in 1881. In 1869 corn was a comparative failure, while wheat produced more than an average yield. In no season since the inauguration of crop-reporting has there been so general disaster, involving corn, wheat, barley, buckwheat, and rye, oats alone being exempt from loss.

The aggregate of corn estimates is 1,194,916,000 bushels, grown upon 64,262,025 acres, or 18.6 bushels per acre. This is a reduction of 31 per cent. from the crop of 1880.

The wheat crop aggregates 380,280,090 bushels, a reduction of 22 per cent., grown on 37,709,020 acres, a yield of 10.1 bushels per acre, the lowest rate of yield yet reported for the entire crop.

Rye, 20,704,950, a reduction of 27 per cent., area 1,789,100 acres, yielding 11.6 bushels per acre.

The product of oats is 416,481,000 bushels, against 417,885,380 in 1880. The area is 16,851,600 acres, and the yield 24.7 bushels per acre.

Barley, 41,161,350 bushels (a reduction of 9 per cent.), grown on 1,967,510 acres, or at the rate of 20.9 bushels per acre.

Buckwheat, 9,486,200 bushels, grown on 828,815 acres, yielding 11.4 bushels per acre.

The aggregate product of all cereals is 2,063,029,570 bushels, against 2,718,193,501, a decrease of 24 per cent.

The aggregate value of cereals grown in 1881 is greater than the total valuation for 1880.

Corn and oats, mainly consumed at home and used interchangeably, are most affected by the failure of maize. The average value of corn has advanced from 39.6 cents in 1880 to 63.6 in 1881; oats from 36 to 46.4 cents; wheat has advanced from an average of 95 cents to \$1.19 per bushel.

The aggregate quantities, areas, and valuations are as follows:

Cereals.	Bushels.	Acres.	Value.
Corn.....	1,194,916,000	64,262,025	\$730,432,170
Wheat.....	380,280,090	37,709,020	477,774,840
Oats.....	416,481,000	16,851,600	103,189,970
Barley.....	41,161,350	1,967,510	33,862,515
Rye.....	20,704,950	1,789,100	10,227,415
Buckwheat.....	9,486,200	828,815	8,203,705
Totals.....	2,063,029,570	129,883,070	\$1,467,803,200

While the reduction of product of corn in the seven surplus-yielding States amounts to about four-tenths of the usual crop, the aggregate still equals 62 per cent. of the crop of the country, leaving, as the production of thirty-one States and ten Territories, but three-eighths of the maize product.

The yield per acre, which should be 30 bushels in a year of moderate production, is but 21.3 bushels, yet this is larger than the average yield of the remaining States, which is 15.4 bushels.

The price per bushel is less, being 55 cents instead of 81 cents in the remaining States.

The following table gives the States producing a surplus of maize:

States.	Bushels.	Acres.	Value.
Ohio.....	70,761,000	3,134,400	\$43,634,000
Indiana.....	59,618,000	3,657,800	47,774,840
Illinois.....	75,737,000	3,191,400	102,545,140
Iowa.....	173,296,000	6,710,300	75,247,160
Missouri.....	83,029,000	5,504,100	60,194,850
Kansas.....	76,277,000	4,496,500	14,294,400
Nebraska.....	88,015,000	2,112,200	22,950,070
Seven States.....	707,729,000	31,574,400	\$1,293,915,200
Thirty-one States and Territories.....	457,157,000	29,667,025	\$256,533,800

There are but ten States east of the Rocky Mountains that ever have a surplus of wheat. These, with California and Washington and Dakota Territories, yield all the wheat for the supply of non-supporting sections and foreign countries.

The ten Western States produced 64 per cent. of the wheat crop of 1881, as follows:

WHEAT.	Bushels.	Acres.	Value.
Ohio.....	28,520,000	2,902,100	\$40,000,500
Michigan.....	21,220,000	1,504,000	28,225,000
Indiana.....	31,263,000	2,543,100	39,819,310
Illinois.....	26,812,000	3,285,200	32,722,510
Wisconsin.....	17,867,000	1,585,300	21,404,530
Minnesota.....	18,022,000	1,115,100	28,119,120
Iowa.....	38,548,000	2,775,500	50,342,880
Missouri.....	20,389,000	2,282,700	24,274,810
Kansas.....	19,969,000	2,108,600	29,934,450
Nebraska.....	13,540,000	1,068,600	18,494,800
Total.....	244,250,000	25,102,800	\$286,217,540

These ten States produced 65 per cent. of the oat crop of 1881, as follows:

OATS.	Bushels.	Acres.	Value.
Ohio.....	23,020,000	902,300	\$11,000,000
Michigan.....	18,027,000	628,000	\$9,000,230
Indiana.....	15,711,000	670,000	6,500,000
Illinois.....	66,094,000	1,979,400	28,430,420
Wisconsin.....	37,304,000	1,022,200	22,681,000
Minnesota.....	35,781,000	667,700	10,216,800
Iowa.....	42,494,000	1,018,700	14,477,500
Missouri.....	22,283,000	969,700	10,212,500
Kansas.....	2,134,000	411,700	3,261,600
Nebraska.....	6,979,000	325,000	2,561,120
Total.....	290,782,000	9,222,100	\$107,730,250

Gen. William Preston, of Lexington, Ky., has gained a protracted land suit in Texas, involving some two million acres of land, covering some of the richest lands in the State in seventeen counties. The interest of Gen. Preston will be about three-fourths of the whole claim.

HALL'S
Catarrah Cure
Is Recommended by Physicians!
\$100 REWARD FOR A CASE!
We manufacture and sell it with the positive guarantee that it will cure any case, and we will forfeit the above amount if it fails in a single instance.
It is unlike any other Catarrh remedy, as it cures internally, acting on the mucous membrane, and is the only remedy that cures the disease, and cures the system. It is the only remedy that cures the disease, and cures the system. It is the only remedy that cures the disease, and cures the system.
F. J. CHENEY & CO., Toledo, Ohio.

THE TIMES

A Live Local and Republican Journal.

The Largest Paper Printed in the County of Shiawassee!

Wide-awake and ever working for the commercial and business prosperity of all the people. Bold and out-spoken for the right on all the moral, social, religious and educational questions of the day.

Subscription \$1.50 a year

JOB WORK

Plain and Ornamental.

Posters, Streamers, Hand Bills, Bill Heads, Letter Heads, Cards, Envelopes, &c., &c., &c.

AT FAIR RATES.

Owosso Post-Office.

Daily Mails arrive and close until further notice as follows:

Close	Mail	Arrive	Depart
1 45 p.m.	EAST VIA D.G.H. & M. R.R.	2 45 p.m.	19 45 p.m.
7 45 p.m.	WEST	7 50 p.m.	7 50 p.m.
10 45 p.m.	NORTH VIA J.L. & S. R.R.	10 50 a.m.	8 30 p.m.
7 45 a.m.	SOUTH	7 50 a.m.	7 50 a.m.
7 50 a.m.	WEST HAVEN	7 55 a.m.	7 55 a.m.
7 55 a.m.	Tuesdays, Thursdays and Saturdays	8 00 a.m.	8 00 a.m.
8 00 a.m.	SUNDAY—Office open from 12 00 a.m. to 12 30 p.m.	12 30 p.m.	12 30 p.m.

Michigan Central R.R.
SAGINAW DIVISION.
TIME TABLE.
Nov. 19, 1881.

NORTHWARD

STATIONS.	Mail.	Saginaw & Bay City Express.	Through Freight.
Jackson	7 00 a.m.	4 15 p.m.	1 00 p.m.
River Junction	7 25	4 40	1 50
Leslie	7 35	4 50	2 05
Mason	7 55	5 10	2 35
Holt	8 05	5 22	2 45
Lansing	8 25	5 35	2 55
North Lansing	8 35	5 40	3 10
Bath	8 40	5 55	3 55
Lansingburg	8 55	6 10	4 45
Bennington	9 10	6 30	5 10
D.A.M. Crossing	9 25	6 38	7 30
Owosso	9 35	7 00	7 52
Oakley's	9 52	7 19	8 50
Chesaning	10 00	7 30	9 30
St. Charles	10 15	7 45	10 15
Saginaw City	10 35	8 30	11 40
East Saginaw	11 05	8 35	11 00
F & P.M. Junction	11 10	8 40	12 45
West Bay City	11 30	8 50	12 00
West Bay City	11 45	9 15	12 45 a.m.
Bay City	11 55	9 25	.....

SOUTHWARD.

STATIONS.	Jackson Express.	Chicago Express and Mail.	Jackson Freight.
Bay City	7 00 a.m.	5 35 p.m.	.....
West Bay City	7 08	5 39	10 00
Zilwaukee	7 25	5 05	10 45
F & P.M. Junction	7 45	5 15	11 05
East Saginaw	7 48	6 20	11 15
Saginaw City	7 58	6 30	11 25
St. Charles	8 30	6 35	11 35
Chesaning	8 45	7 30	1 35
Oakley's	8 55	7 38	1 55
Owosso	9 20	8 00	2 20
D.A.M. Crossing	9 35	8 25	3 00
Bennington	9 55	8 35	3 35
Lansingburg	10 05	8 50	3 55
Bath	10 15	9 05	4 10
North Lansing	10 20	9 30	5 10
Lansing	10 25	9 35	5 50
Holt	10 35	9 38	6 05
Mason	10 50	9 50	6 45
Leslie	11 10	10 10	7 30
River Junction	11 20	10 20	8 55
Jackson	11 45	10 45	9 45

All Trains Daily except Sunday.
C. B. BUSH, H. B. LEDYARD,
Div. Supt. Bay City, Gen'l Manager, Detroit.
E. C. BROWN, Asst. Gen'l Supt., Jackson.
O. W. ROGERS, G. P. & T. A., Chicago.

Detroit, Grand Haven & Milwaukee Ry.

Trains leave Owosso as follows: Steamboat Express, 9:30 a.m.; Through Mail, 2:15 p.m.; Evening Express, 7:30 p.m.; Night Express, 3:50 a.m.

GOING WEST.

Morning Express, 10:30 a.m.; Through Mail, 2:15 p.m.; Grand Rapids Express, 8:40 p.m.; Night Express, 2:30 a.m.; Mixed 6:30 a.m.; Saturday Night Mixed, 5:15 a.m.

Refreshments at Detroit, Owosso and Grand Haven. The Telegraph Line for the Public. Sleeping Cars on all night trains.

CONNECTIONS.

AT DETROIT—Great Western Railway to points east. Michigan Central, Michigan Southern and Grand Trunk Railroads.

AT MILWAUKEE—With the Milwaukee and St. Paul, Western Union, Milwaukee and Northern, and Chicago and North-Western Railways to all points north and west.

THE Railway Company's Ferry Steamer leaves D. G. H. & M. R.R. at Detroit on arrival of trains. Tickets are sold at the Detroit, Grand Haven and Milwaukee Railway Ticket Office, to all principal places in the United States.

T. TANDY, Gen'l Freight & Passenger Agt.

FORT WAYNE & JACKSON R.R.
SHORT LINE

For all points South, Southeast and Southwest, including Philadelphia, Baltimore, Washington, Cincinnati, Louisville, Kansas, Indianapolis, St. Louis, Kansas, Texas and all points west.

Direct Route to Baltimore and Washington

TIME CARD in Effect Dec. 19, 1881.

SOUTH.

STATIONS.	EXPRESS	EXPRESS	ACCOM.
Lv. Bay City	5 25 p.m.	7 00 a.m.	.....
Saginaw	6 30	7 58	.....
Lansing	6 45	10 25	.....
Grand Rapids	10 20	5 40	11 20
Detroit	9 50	7 09	4 05 p.m.
Ann Arbor	11 15	8 49	5 25
Jackson	12 15 a.m.	9 20 p.m.	6 05
Hanover	7 50	12 23 p.m.	8 05
Jonesville	8 15	12 55	9 00
Bakers	8 35	1 15	9 50
Reading	8 45	1 28	9 55
Pleasant Lake	8 55	1 43	10 25
Freemont	9 12	2 03	10 55
Angola	9 20	2 20	11 25
Phasant Lake	9 40	2 30	11 45
Wat-rioo	10 02	2 52	12 25 a.m.
Auburn	10 15	3 08	7 35
Auburn June	10 17	3 25	8 00
Att Fort Wayne	11 15	4 20	9 30
Indianapolis	5 20 p.m.	10 50	5 20 p.m.
Cincinnati	8 35	7 25 a.m.	7 30
St. Louis	.....	8 40	.....
Washington	.....	9 05 p.m.	.....
Baltimore	.....	10 15	.....

NORTH.

STATIONS.	EXPRESS	EXPRESS	ACCOM.
Lv. Baltimore	9 10 a.m.	.....	5 10 p.m.
Washington	10 20 a.m.	.....	9 27
St. Louis	6 40 p.m.	.....	7 50 a.m.
Louisville	.....	7 00 a.m.	.....
Cincinnati	9 00	7 35 a.m.	8 30 p.m.
Indianapolis	4 30 a.m.	11 10	1 00 a.m.
Fort Wayne	11 45 a.m.	5 00 p.m.	1 00 a.m.
Att Auburn June	12 45 p.m.	9 35	1 30
Auburn	13 45	6 05	2 05
Wat-rioo	1 00	6 15	3 40
Pleasant Lake	1 18	6 37	4 25
Angola	1 30	6 53	5 00
Freemont	1 46	7 22	5 38
Montgomery	2 03	7 40	6 15
Reading	2 15	7 55	6 40
Bakers	2 37	8 05	7 05
Jonesville	2 49	8 30	7 35
Hanover	3 07	8 47	8 30
Jackson	3 40 p.m.	9 20 p.m.	9 25 a.m.
Ann Arbor	5 07	.....	10 34
Detroit	6 30	11 40	11 50
Grand Rapids	.....	12 30 a.m.	4 30 p.m.
Lansing	5 35	8 20	.....
Saginaw	8 35	10 55	.....
Bay City	9 20 p.m.	11 55 a.m.	.....

All trains daily except Sunday. Accommodation south from Waterloo Mondays, not Sundays.

Through tickets to all principal points. For information as to routes and connections apply to

M. D. WOODFORD, H. BROMLEY,
Gen'l Superintendent Gen'l Passenger Ag't.

GOLD

Great chance to make money. Those who always take advantage of the good chance for making money that are offered, generally become wealthy, while those who do not improve such chances remain in poverty. We want many men, women, boys and girls to work for us right in their own localities. Any one can do the work properly from the first start. The business will pay more than ten times ordinary wages. Expensive outfit furnished free. No one who engages fails to make money rapidly. You can devote your whole time to the work, or only your spare moments. Full information and all that is needed is sent free.

Address SYRISON & Co., Portland, Maine.

RUPTURE

Cured without an operation or the injury to the system by Dr. J. A. SHERMAN'S method. Office 261 Broadway, New York. His book, with photographic likeness of him, sent before and after cure, mailed for 10 cents.

American Politics.

1100 pages. History of all Political Parties, by SENATOR COOPER. It gives every thing pertaining to politics, and unites history, instruction and ready reference. Sold only by subscription; but subscriptions sent direct will be forwarded by mail or C. O. D. at Publishing Co's expense. Agents now wanted. Use apply early, for territory is being rapidly assigned. Book out about March 20th Prospectus now ready.

Address FIRESIDE PUBLISHING CO., 20 NORTH SEVENTH ST., PHILADELPHIA.

MAGNETIC MEDICINE.

Is a Sure, Prompt and Effective Remedy for Nervousness in ALL its stages, Weak Memory, Loss of Brain Power, Sexual Prostration, Night Sweats, Epileptiforms, Seminal Weakness, and General Loss of Power. It repairs Nervous Organs, Rejuvenates the Jaded Intellect, Strengthens the Enfeebled Brain, and Restores Surprising Tonic and Vigor to the Exhausted Generative Organs. The experience of thousands proves it an INVALUABLE REMEDY, for both sexes. The Magnetic Medicine is pleasant to the taste, and each box contains sufficient for two week's medication, and is THE CHEAPEST AND BEST. Particulars in our pamphlet, which we mail free to any address.

EST MAGNETIC MEDICINE is sold by Druggists at \$1 per box, or six boxes for \$5, or will be mailed free of postage, on receipt of the money, by addressing MAGNETIC MEDICINE CO., No. 4 Mechanics' Block, Detroit, Mich. Sold in Owosso and Corunna by all Druggists.

PIMPLES.

I will mail (free) the recipe for a simple Vegetable Balm that will remove Tan, Freckles, Pimples and Blisters, leaving the skin soft, clear and beautiful; also instructions for inducing a luxuriant growth of hair on a bald head or smooth face. Address, including 3c. stamp, BEN. VANDEL & Co., 12 Barclay St., N. Y.

TO CONSUMPTIVES.

The advertiser having been permanently cured of that dread disease, Consumption, by a simple remedy, is anxious to make known to his fellow sufferers the means of cure. To all who desire it, he will send a copy of the prescription used, free of charge, with directions for preparing and using the same, which they will find a sure cure for coughs, colds, consumption, asthma, bronchitis, etc. Parties wishing the prescription, will please address RAY, L. A. WILSON, 184 Fern St., Williamsburg, N. Y.

ERRORS OF YOUTH.

A gentleman who suffered for years from Nervous Debility, Premature Decay, and all the effects of youthful indiscretion, will for the sake of suffering humanity, send free to all who need it, the recipe and direction for making the simple remedy by which he was cured. Sufferers wishing to profit by the advertiser's experience can do so by addressing in perfect confidence, 4-y JOHN B. OGDEN, 42 Cedar St., N. Y.

GUNS

OF EVERY KIND CHEAPER THAN EVER.

Rifles, Shot Guns, Revolvers, Ammunition, Fishing Tackle, Seines, Nets, Knives, Razors, Skates, Hammocks, etc.

Large Illustrated Catalogue FREE.

GREAT WESTERN GUN WORKS, PITTSBURGH, PA.

AGENTS

WANTED! Ladies and Gentlemen, to engage with us to sell several Useful Household Articles. Profits large. No experience necessary. Territory given. No competition. Terms liberal. Circulars FREE. Address, Hewitt, Mansfield & Co., Box 508, Pittsburgh, Pa.

A NEW CURE FOR POTATO BUGS

AND ALL TROUBLESOME VERMIN.

Safe, sure, clean and cheap. Sample Package, Post-free. AGENTS WANTED. Address, J. E. JOHNSON, Pittsburgh, Pa.

MUSICAL INSTRUMENTS

of all kinds for sale very cheap. Catalogues free. Address, RICHARD HULL & Co., Box 863, Pittsburgh, Pa.

GET THE BEST!

RATHBONE SARD & CO.
ACORN
STOVES & RANGES

LEAD ALL OTHERS!

Every Style & Price.

Guaranteed Unequaled FOR OPERATION, ECONOMY, DURABILITY and WORKMANSHIP.

Improvements and Conveniences found in no others.

Always Reliable.

POPULAR EVERYWHERE.

For Sale in Every City and Town in the United States.

AGENTS For Border Outlaws
WANTED By J. W. BUREL.

Their New, Thrilling and Authentic History of the Lives and Wonderful Adventures of America's great Outlaws.

The Younger Brothers, Frank and Jesse James,

And their bands of Highwaymen, down to the present moment, including Death of Jesse James and all the late Startling and Thrilling Developments. Fifty Illustrations and Portraits, among which are Jesse James after he was shot, and 13 fine Colored Plates. Interviews and letters from Cole Younger; the breaking up of the band and revelations of startling secrets. The Black Flag, the terrible "Black cat," and hundreds of other astonishing facts. Most wonderful and exciting book in existence! Outlets everywhere! New and enlarged edition; new illustrations; 600 pages, price \$1.50. Agents! Canvassing Outfit, 50c. Illustrated Circulars and full particulars Free. Agents don't lose this grand opportunity! Address: HISTORICAL PUBLISHING CO., 602 N. 4th St., St. Louis, Mo.

LA MAN

WHO IS UNFAMILIAR WITH THE DEPARTMENT OF THE COAST? TRY WILL BE BY EXAMINING THIS MAP THAT THE

CHICAGO, ROCK ISLAND & PACIFIC RY

By the central position of its line, connects the East and the West by the shortest route, and carries passengers, without change of cars, between Chicago and Kansas City, Council Bluffs, Leavenworth, Atchison, Minneapolis and St. Paul. It connects in Union Depots with all the principal lines of road between the Atlantic and the Pacific Coasts. Its equipment is unrivaled and magnificent, being composed of most comfortable and beautiful Day Coaches, Magnificent Pullman Sleeping Chair Cars, Pullman's First-Class Dining Cars, and the best Line of Dining Cars in the World. Three Trains between Chicago and Minneapolis and St. Paul, via the Famous "ALBERT LEA ROUTE."

A New and Direct Line, via Seneca and Kankakee, has recently been opened between Richmond, Norfolk, Newport News, Chattanooga, Atlanta, Augusta, Nashville, Louisville, Lexington, Cincinnati, Indianapolis and Lafayette, and Omaha, Minneapolis and St. Paul.

All Through Passengers Travel on Fast Express Trains for sale at all principal Ticket Offices in the United States and Canada.

Savages choose it and rates of fare all ways as low as competitors that offer less advantage.

For detailed information, get the Maps and Fold-ers of the

GREAT ROCK ISLAND ROUTE,
At your nearest Ticket Office, or address
R. R. OGLE, E. ST. JOHN,
Vice-Pres. & Gen'l Mgr. Gen'l Trk. & Pass. Agt.
CHICAGO.

JOHNSTON'S SARSAPARILLA

FOR LIVER COMPLAINT, DYSPEPSIA, And for Purifying the Blood.

It has been in use for 30 years, and has proved to be the best preparation in the market for SICK HEADACHE, PAIN IN THE SIDE OR BACK, LIVER COMPLAINT, PILES, IN THE FACE, DYSPEPSIA, PILES, and all Diseases that arise from a Disordered Liver or an impure blood. Tens of thousands of our best people take it and give it to their children. Physicians prescribe it daily. Those who use it once, recommend it to others.

It is made from Yellow Dock, Hound-ras, Sarsaparilla, Wild Cherry, Stillingia, Dandelion, Sassafras, Wintergreen, and other well-known valuable Roots and Herbs. It is strictly vegetable, and cannot hurt the most delicate constitution. It is one of the best medicines in use for Rectifying the Blood.

It is sold by all responsible druggists at one dollar for a quart bottle, or six bottles for five dollars.

Those who cannot obtain a bottle of this medicine from their druggist may send us one dollar, and we will send it to them.

J. W. JOHNSTON & Co., Manufacturers, DETROIT, MICH.

PATE

We continue to get orders for Pate's Compound, for the cure of Coughs, Croup, Whooping Cough, Sore Throat, and all the ailments of the Throat and Lungs. It is a most valuable remedy, and has been in use for thirty-five years. Patents obtained through the U. S. and Foreign Governments. It is